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(54) **RADAR-BASED GESTURAL INTERFACE**

(71) Applicant: **Google Inc.**, Mountain View, CA (US)

(72) Inventors: **Alexander Harrison Rothera**, Chicago, IL (US); **Scott Daniel Lange**, Birmingham, MI (US)

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(57) **ABSTRACT**

Methods, systems, and apparatus, including computer programs encoded on a computer storage medium, for providing a gestural interface in vehicle. In one aspect, movement data corresponding to a gesture of a driver of a vehicle is received from a radar receiver arranged to detect movement at the interior of the vehicle. The gesture is determined to be a particular gesture from among a first predetermined set of gestures for selecting an operating mode of a computing device. In response, a computing device is caused to enter an operating mode corresponding to the particular mode selection gesture, and a determination is made whether a subsequent movement of the driver represents a gesture from a second predetermined set of gestures that is different from the first predetermined set of gestures.